



Payeezy First Data Hosted Extension

User Guide

Version 2.0

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User Guide Version Log

Version No	Reason For Change	Date
1.0	Initial Version	Apr 13, 2016
2.0	Updated - Magento 2	Feb 26,2019

Description

The First data GGe4 hosted module can be integrated with the Magento 2 core credit card system by setting the default gateway to First data Global GGe4 Hosted payment gateway. The module collects the credit card details, validates and passes the data to First data in a secured way.

Features

Below listed are the features of First Data GGe4 Hosted,

- The module relies on a Magento 2 core credit module to collect and encrypt credit card information.
- The merchant can authorize only or authorize and capture the payment.
- The module does not store card information anywhere to pass PCI Compliance issues.
- The merchant can capture the authorized payments from the First data control panel.
- Level 3 card processing is available.

Compatibility & Requirements

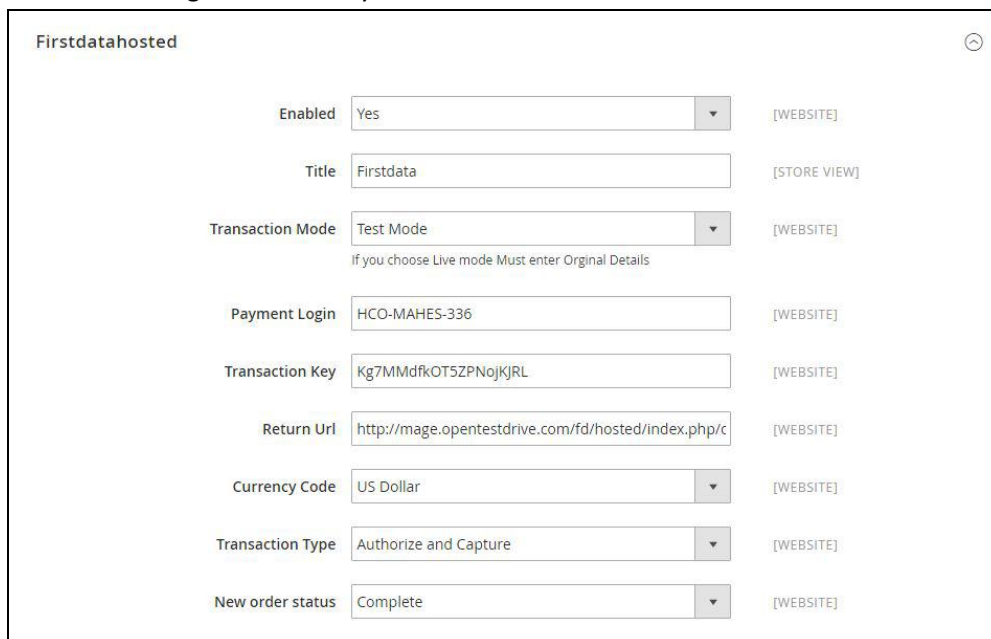
- The module is compatible with Magento Community Edition Version 2.0 and above.

Installation and Configuration

- Download the package and unzip Magento 2 firstdata gge4 hosted package.zip file and you can find egs_Firstdatahosted.zip and Read me_en.pdf
- Open Terminal and navigate to root folder
- Extract this egs_Firstdatahosted.zip module.
- After extract of files and folders Clear Cache
- Run Setup upgrade from root (php bin/magento setup:upgrade)
- After Successful upgrade process, clear cache,page_cache,view_preprocessed
- Give Full permission to magento root folder and var/genration module.
- After successful of installation, Check app/etc/config.php for Egs_Firstdata.
- To enable payment method, Stores->Configuration->Payment Methods->Firstdatahosted

Admin End

Stores >> Configuration >> Payment Methods >> Firstdatahosted



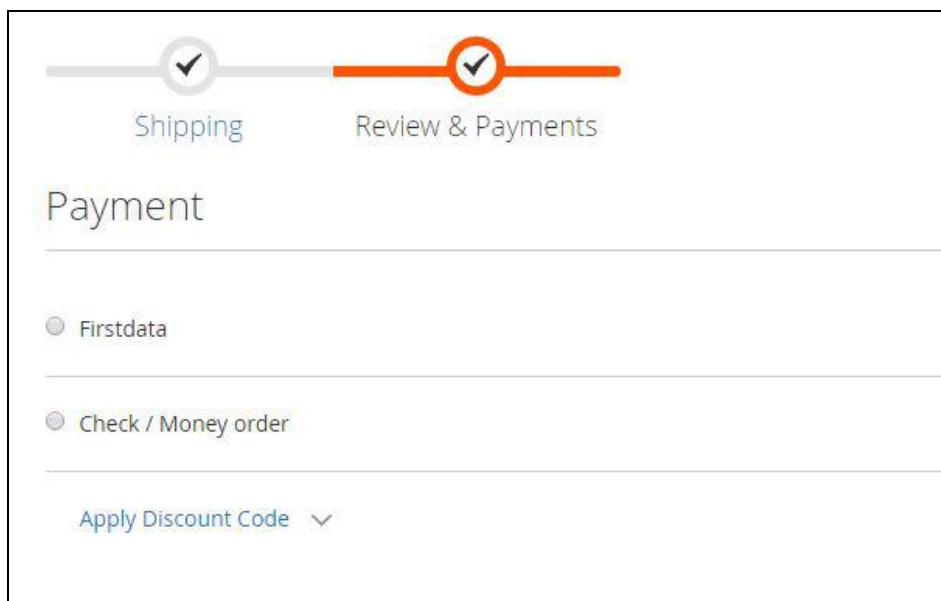
The screenshot shows the configuration page for the 'Firstdatahosted' extension. The page title is 'Firstdatahosted'. It contains several configuration fields, each with a dropdown menu and a '[WEBSITE]' or '[STORE VIEW]' label to its right:

- Enabled:** Set to 'Yes'.
- Title:** Set to 'Firstdata'.
- Transaction Mode:** Set to 'Test Mode'. Below this field is the text: 'If you choose Live mode Must enter Original Details'.
- Payment Login:** Set to 'HCO-MAHES-336'.
- Transaction Key:** Set to 'Kg7MMdfkOTSZPNokJRL'.
- Return Uri:** Set to 'http://mage.opentestdrive.com/fd/hosted/index.php/c'.
- Currency Code:** Set to 'US Dollar'.
- Transaction Type:** Set to 'Authorize and Capture'.
- New order status:** Set to 'Complete'.

Figure 1.1: Extension configuration page

Front End

- Checkout page payment methods



The screenshot shows the frontend checkout page. At the top, there is a progress bar with two steps: 'Shipping' (completed, indicated by a checkmark in a circle) and 'Review & Payments' (active, indicated by a checkmark in a circle). Below the progress bar, the 'Payment' section is visible. It contains two radio button options for payment methods: 'Firstdata' and 'Check / Money order'. At the bottom of the payment section, there is a link 'Apply Discount Code' with a dropdown arrow.

Figure 2.1: Extension frontend checkout page

Payment

Firstdata

My billing and shipping address are the same

egrove test
777 Washington Road #5
Parlin, New Jersey 08859
United States
8965896598

[Place Order](#)

Figure 2.2: Extension frontend checkout page

- Redirected to First Data payment page






Review Your Order

Total Amount: USD **105.00**

Pay With Your Credit Card

Cardholder Name

Credit Card Number

Expiry Date (MMYY)

[Pay With Your Credit Card](#)

Figure 2.3: Firstdata payment page

- Order confirmation page:

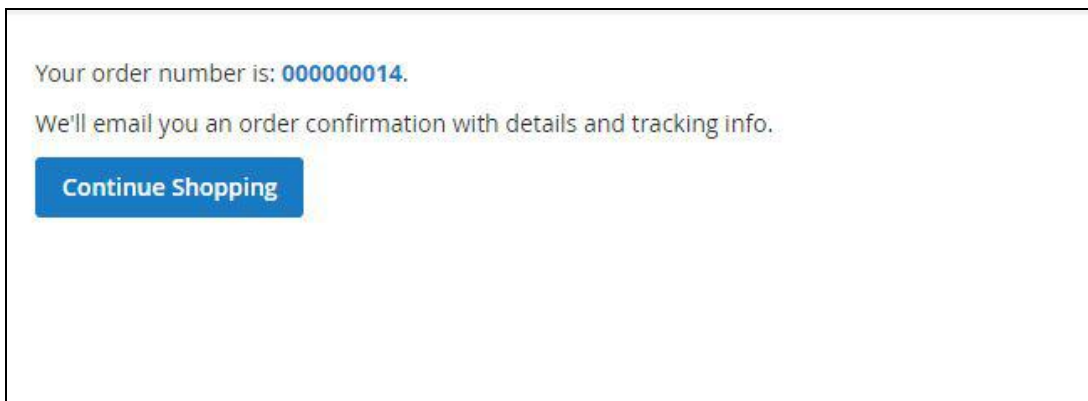


Figure 2.4: Order confirmation page

First Data Transaction and Configurations:

Firstdata Transactions page:

Actions		Card Holder	Card	Amount	Card Number	Expiry	Transaction	Status	Time	Auth.	Ref Num	Cust. Ref Num	User ID
		john	VISA	105.00 USD	#####1111	03/18	Purchase		2016/04/12 10:42:10 EDT	ET114177	-	-	maahesh DEMO0970 Payment Page
		john	VISA	315.00 USD	#####1111	03/18	Purchase		2016/04/12 03:29:25 EDT	ET170591	-	-	maahesh DEMO0970 Payment Page
		john	VISA	210.00 USD	#####1111	03/18	Pre-Authorization		2016/04/12 03:11:59 EDT	ET134342	-	-	maahesh DEMO0970 Payment Page

Figure 3.1: Firstdata transactions page

Firstdata Configuration:

Payment Page Settings for HCO-MAHES-336

- 1. General
- 2. Payment Types
- 3. Pay Now/Donate Now
- 4. Receipt Page
- 5. Receipt Emails
- 6. Recurring
- 7. Customize Form
- 8. Appearance
- 9. Security
- 10. Hash Calculator**

Hash Calculator

This section contains the hash calculation tool which can be used by developers to compare their calculation of the x_fp_hash value with Payment Page's value

[View help for this section in the knowledge base](#)

Please enter the test request values to generate a hash.

Login (x_login)

Note: This value is obtained from the Payment Page.

Transaction Key

Note: This value is obtained from the Payment Page configuration (Keys tab).

Sequence (x_fp_sequence)

Note: This value is required.

Timestamp (x_fp_timestamp)

Note: This value is required.

Amount (x_amount)

Note: This value is required.

Currency (x_currency_code)

Note: This value is optional.

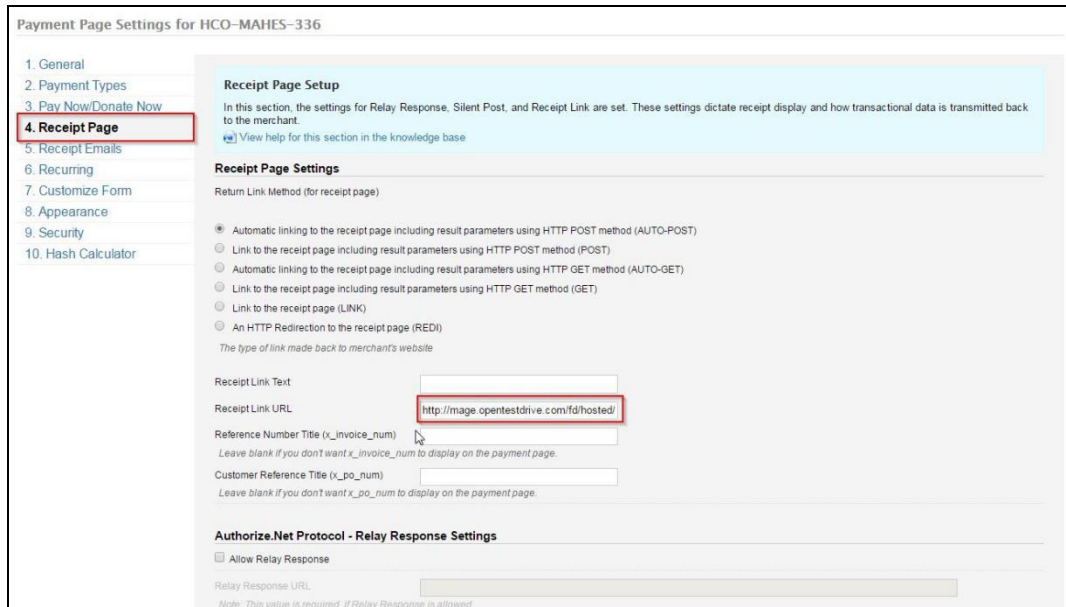
Hash (x_fp_hash) [Generate Hash](#) [Clear](#)

Note

HMAC-MD5 is calculated with arguments
 HMAC=MD5(transaction-key,
 "x_login">x_fp_sequence">x_fp_timestamp">x_amount">x_currency_code")

[Previous](#)

Figure 3.2: Firstdata account configuration



The screenshot shows the 'Payment Page Settings for HCO-MAHES-336' interface. On the left is a navigation menu with 10 items, where '4. Receipt Page' is highlighted with a red box. The main content area is titled 'Receipt Page Setup' and contains the following sections:

- Receipt Page Setup:** A light blue box with text: 'In this section, the settings for Relay Response, Silent Post, and Receipt Link are set. These settings dictate receipt display and how transactional data is transmitted back to the merchant.' Below this is a link: 'View help for this section in the knowledge base'.
- Receipt Page Settings:**
 - Return Link Method (for receipt page):
 - Automatic linking to the receipt page including result parameters using HTTP POST method (AUTO-POST)
 - Link to the receipt page including result parameters using HTTP POST method (POST)
 - Automatic linking to the receipt page including result parameters using HTTP GET method (AUTO-GET)
 - Link to the receipt page including result parameters using HTTP GET method (GET)
 - Link to the receipt page (LINK)
 - An HTTP Redirection to the receipt page (REDI)
 - The type of link made back to merchant's website*
 - Receipt Link Text:
 - Receipt Link URL: (highlighted with a red box)
 - Reference Number Title (x_invoice_num): (with a tooltip: 'Leave blank if you don't want x_invoice_num to display on the payment page.')
 - Customer Reference Title (x_po_num): (with a tooltip: 'Leave blank if you don't want x_po_num to display on the payment page.')
- Authorize.Net Protocol - Relay Response Settings:**
 - Allow Relay Response
 - Relay Response URL:
 - Note: This value is required if Relay Response is allowed

Figure 3.2.1: Firstdata account configuration

Support

If you have any queries on module functionality or any other issues, please drop in an email with your website details (FTP and Admin Backend details) to support@modulebazaar.com.